State Geological Survey
WICHITA BRANCH

IMPORTANT
Kans. Geo. Survey request samples on this well.

15-135-21528

KANSAS DRILLERS LOG

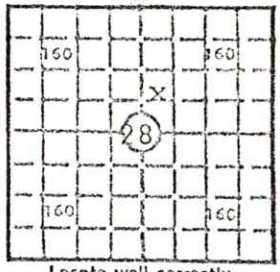
S. 28 T. 16S R. 26W E W

API No. 15 — 135 (County) — 21528 (Number)

Loc. NW SW NE

County Ness

640 Acres
N



Locate well correctly

Operator
Abercrombie Drilling

Address
801 Union Center Wichita, Ks. 67202

Well No.	Lease Name
# 1	Mitten

Footage Location
1650 feet from (N) XX line 2310' feet from (E) XX line

Principal Contractor	Geologist
Abercrombie Drilling, Inc	Greg Cheney

Spud Date	Total Depth	P.B.T.D.
November 13, 1978	4593'	--

Date Completed	Oil Purchaser
December 15, 1978	Koch Oil Company

Elev.: Gr. 2649'
DF 2652' KB 2654'

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12¼"	8 5/8"	28#	259.75'	common	180	3% Ca.Cl. 2% gel.
Production	7-7/8"	5½"	14#	4583'	50/50 pomsix common	30 100	12½# gilsinite/ 2% gel, salt sat.

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	50 gm	O.H. 4584 - 458

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
5500 gallon 15% Non-E, 250 gallon diesel, 150#	
plugging material	4583'-4593'

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
April, 1979	Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	15 bbls.	MCF	135 bbls.	CFPB

Disposition of gas (vented, used on lease or sold)

Producing interval(s)
O.H. 4583' - 4593'

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator: Abercrombie Drilling, Inc.

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil

Well No.: 1 | Lease Name: Mitten

S 28 T 16S R 26W E/W

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM
Sand and shale	0	2083
Anhydrite	2083	2115
Shale and shells	2115	2175
Shale	2175	2463
Shale and lime	2463	4077
Lime	4077	4570
Shale and lime	4570	4593
Rotary Total depth		4593

DST #1 (4440-4486') 30", 45", 60", 45"
Rec. 50' heavy oil spt mud
IFP 23-23, IBHP 129, FFP 32-32, FBHP 107

DST #2 (4573-4592') 30", 45", 60" 45"
Rec. 15' co, 375' ocm, 10% oil, 90% mud.
IFP 140-161, IBHP 1183, FFP 183-192, FBHP 951

DST #3 (4583-4593') 30", 60", 90" 60"
Rec. 100' co, 75' ocm
IFP 21-21, IBHP 1099, FFP 32-49, FBHP 1004

NAME	DEPTH
SAMPLE TOPS:	
Anhydrite	2076' (+ 578
B/Anhydrite	2108' (+ 546
Heebner	3930' (-1276
Toronto	3947' (-1293
Lansing	3971' (-1317
St. Shale	4214' (-1560
B/KC	4277' (-1623
Marmaton	4327' (-1673
Pawnee	4409' (-1755
Ft. Scott	4476' (-1822
Cherokee	4501' (-1847
Miss.	4582' (-1928
T.D.	4592' (-1938
ELECTRIC LOG TOPS:	
Anhydrite	2078' (+ 576
B/Anhydrite	2110' (+ 544
Heebner	3930' (-1276
Toronto	3946' (-1292
Lansing	3971' (-1317
St. Shale	4214' (-1560
B/KC	4276' (-1622
Marmaton	4315' (-1661
Pawnee	4404' (-1750
Ft. Scott	4476' (-1822
Cherokee	4501' (-1847
Comglomerate	4550' (-1896
Miss.	4582' (-1928
LTD	4592' (-1938
RTD	4593' (-1939

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received

Jack L. Partridge
Signature

Jack L. Partridge, Asst. Sec.-Treas.
Title

May 29, 1979
Date

KANSA